

Amendments to the Claims

The following listing of claims replaces all prior versions of the claims in the Application. With this response, claims 24-26 are amended, claim 29 is added, and claim 27 is cancelled without prejudice or disclaimer. No new matter has been added.

Listing of Claims

1-23 (Cancelled)

24. (Currently Amended) A television camera system comprising a lens device according to claim ~~25~~ 29 and a camera connected to said lens device.

25. (Currently Amended) A lens device comprising:

a camera interface board that conforms a lens control signal to a predetermined data format of said lens device; and

a lens circuit board, wherein said lens circuit board controls said lens device, and wherein said lens circuit board is connected with said camera interface board through a serial communication line,

wherein said lens device is attachable to a camera employing a first data format for said lens control signal,

wherein said lens device is attachable to a camera employing a second data format for said lens control signal,

wherein said first format and said second format differ by at least one of position voltage, reference voltage, voltage width, and polarity, and

wherein said lens device is attached to one of the cameras, and said lens control signal is received from the attached camera,

wherein the first data format and the second data format use analog signals, and

wherein the camera interface board is detachably attached to the lens circuit board.

26. (Currently Amended) A lens device according to claim ~~25~~ 29, wherein said lens control signal is one of an iris control signal, a zoom control signal, and a focus control signal.

27. (Cancelled)

28. (Previously Presented) A lens device according to claim 25, further comprising a camera code switch for switching an interface in said camera interface board in accordance with attached camera kind.

29. (New) A lens device, comprising:

a lens control circuit board; and

a camera interface board disposed in digital communication with the lens control circuit board via a single serial digital link, wherein the camera interface board is disposed in analog communication with a camera via an analog link, and wherein the camera interface board is detachably attached to the lens control circuit board,

wherein the camera interface board performs:

receiving, via the analog link, an analog lens control signal from the camera;

converting, in accordance with a camera manufacturer code signal, the lens control signal into a signal understandable by the lens control circuit board; and

providing, to the lens control circuit board via the single serial digital link, the signal understandable by the lens control circuit board.